

EAST Search History

RA

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---|------------------|---------|------------------|
| S1 | 99 | ((lurkens near4 peter) (deppe near4 carsten)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/04 18:09 |
| S2 | 68884 | (project\$3 near4 display) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/04 18:09 |
| S3 | 190022 | ((control\$4 regulat\$4) with ((light near4 source\$1) lamp\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/04 18:11 |
| S4 | 1655 | S2 same S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/04 18:12 |
| S5 | 1707670 | (scanner reflect\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/04 18:12 |
| S6 | 1039 | S4 & S5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/04 18:13 |
| S7 | 915 | (scrol\$4 near4 light) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/04 18:14 |
| S8 | 22 | S6 & S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/04 18:24 |
| S9 | 296 | (scrolling near4 project\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/04 18:25 |
| S10 | 182729 | ((adjust\$4 control\$4 regulat\$4) near4 (bright\$1ness lumin\$7 intensity contrast)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/06 15:51 |
| S11 | 20 | S9 & S10 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/04 18:27 |

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|-----|---------|---|---|----|-----|------------------|
| S12 | 74106 | (project\$3 near4 display\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/06 15:51 |
| S13 | 8160 | (aperature\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/06 15:52 |
| S14 | 1004905 | (aper\$1ture\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/06 15:52 |
| S15 | 10978 | S12 & S14 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/06 15:54 |
| S16 | 135271 | ((enhanc\$3 regulat\$3 control\$4) near4 (bright\$1ness intensit\$3 lumin\$7)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/07 14:16 |
| S17 | 4488078 | (scan\$4 rotat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/06 15:54 |
| S18 | 1447 | S12 & S14 & S16 & S17 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/06 15:55 |
| S19 | 1926 | ((enhanc\$3 regulat\$3 control\$4) near4 (bright\$1ness intensit\$3 lumin\$7)) same (row\$1 (horizontal near4 row\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/06 15:55 |
| S20 | 59 | S12 & S14 & S17 & S19 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/06 15:56 |
| S21 | 17189 | ((increas\$3 enhanc\$3 regulat\$3 control\$4) near4 (bright\$1ness intensit\$3 lumin\$7) near4 (lamp (light near4 source\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/07 14:22 |
| S22 | 152892 | ((project\$3 near4 (display system)) (scrolling near4 system)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/07 14:20 |
| S23 | 105650 | (each near4 (row pixel)) ((row near2 row) (pixel near2 pixel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/07 14:26 |

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|-----|---------|---|---|----|-----|------------------|
| S24 | 25 | S21 same S23 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/07 14:27 |
| S25 | 12 | S22 & S24 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/07 14:39 |
| S26 | 226 | S21 & S22 & S23 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/07 14:40 |
| S27 | 214 | S26 not S25 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/07 14:52 |
| S28 | 3826608 | (scanner rotat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/07 14:52 |
| S29 | 149 | S27 & S28 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/07 14:54 |
| S30 | 1004905 | aper\$1ture\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/07 14:54 |
| S31 | 95 | S29 & S30 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/07 17:51 |
| S32 | 25571 | ((lamp (light near4 source)) near4 modulat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/07 17:52 |
| S33 | 880 | S22 & S23 & S32 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/07 17:53 |
| S34 | 113 | S21 & S33 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/07 17:53 |
| S35 | 10986 | (lcd near4 project\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/10 15:01 |

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|-----|--------|--|---|----|-----|------------------|
| S36 | 98518 | ((lamp (light near4 source)) near4 (control\$4 regulat\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/10 14:54 |
| S37 | 105134 | ((increas\$3 augment\$3) near4 (intensit\$3 bright\$1ness luminanc\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/10 14:57 |
| S38 | 165582 | ((row near3 row) (column near3 column) ((each individual) near4 (row column))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/10 14:58 |
| S39 | 3 | S36 same S37 same S38 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/10 15:00 |
| S40 | 3 | S35 & S39 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/10 14:58 |
| S41 | 3 | S36 & (S37 same S38) & S35 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/10 15:02 |
| S42 | 26780 | ((lcd (liquid near4 crystal near4 (panel display))) near4 project\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/10 15:02 |
| S43 | 3 | S36 & (S37 same S38) & S42 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/10 15:03 |
| S44 | 33 | S36 & (S37 & S38) & S42 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/10 15:31 |
| S45 | 26819 | ((lcd (liquid near4 crystal near4 (panel display))) near4 project\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 13:57 |
| S46 | 140 | (dynamic near3 contrast\$3 near3 ratio) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 13:48 |
| S47 | 944 | (scrol\$4 near4 (light lamp)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 13:48 |

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|-----|--------|---|---|----|-----|------------------|
| S48 | 20 | S45 & S46 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 13:48 |
| S49 | 0 | S47 & S48 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 13:48 |
| S50 | 50974 | ((project\$1r projection) near4 display) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 13:58 |
| S51 | 0 | S46 & S47 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 13:58 |
| S52 | 136 | S45 & S47 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 13:59 |
| S53 | 91058 | ((lamp (light near4 source)) near4 (regulat\$3 control\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 17:40 |
| S54 | 37 | S52 & S53 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 14:00 |
| S55 | 15 | ("20010022692" "20040141158" "20050088622" "20050094110" "20050185149" "20050213045" "20060139578" "20060268241" "5046162" "5706061" "6246185" "6511183" "6563551" "6631996" "7156525").PN. OR ("7300159").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/12 14:56 |
| S56 | 437 | 353/85.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/12 14:56 |
| S57 | 165733 | ((row near3 row) (column near3 column) ((each individual) near4 (row column))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 14:56 |
| S58 | 2 | S56 & S57 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 15:01 |

EAST Search History

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|-----|---------|---|---|----|-----|------------------|
| S59 | 2327 | (dynamic near2 contrast) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 15:01 |
| S60 | 3 | S56 & S59 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 15:59 |
| S61 | 37866 | ((scanning scrolling rotat\$4) near4 (prism polygon\$2 hexagon\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 17:39 |
| S62 | 17245 | ((increas\$3 enhanc\$3 regulat\$3 control\$4) near4 (bright\$1ness intensit\$3 lumin\$7) near4 (lamp (light near4 source\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 17:41 |
| S63 | 2 | S56 & S61 & S62 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 16:04 |
| S64 | 4427105 | (scanning scrolling rotat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 16:04 |
| S65 | 24 | S56 & S64 & S62 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 16:13 |
| S66 | 22 | S65 not S63 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 16:05 |
| S67 | 51 | S56 & S62 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 16:13 |
| S68 | 27 | S67 not S65 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 16:13 |
| S69 | 8 | ("20020067413" "20040001184" "20040140982" "20050052618" "5386253" "5519518" "5559551" "5717422").PN. OR ("7220006"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/12 16:37 |
| S70 | 7 | ("20020051121" "3833297" "4829327" "4964719" "6409350" "6634757" "7021772").PN. OR ("7300160").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/12 16:48 |

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|-----|--------|--|---|----|-----|------------------|
| S71 | 490 | S45 & S61 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/12 16:48 |
| S72 | 31 | S45 & S61 & S62 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/12 16:49 |
| S73 | 19 | S45 & S53 & S61 & S62 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/12 16:49 |
| S74 | 7 | S45 & (S53 same S62) & S61 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/12 17:17 |
| S75 | 12 | S73 not S74 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/12 17:31 |
| S76 | 1 | "7048385".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/12 17:32 |
| S77 | 153306 | ((scanning scrolling rotat\$4) near4 (prism polygon\$2 hexagon\$2 light)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 17:39 |
| S78 | 118467 | ((lamp (light near4 source)) near4 (regulat\$3 control\$3 driv\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 17:40 |
| S79 | 18568 | ((increas\$3 enhanc\$3 regulat\$3 control\$4) near4 (bright\$1ness intensit\$3 lumin\$7) near4 (lamp\$1 (light near4 source\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 17:41 |
| S80 | 147 | S45 & S77 & S78 & S79 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 17:41 |
| S81 | 65 | S45 & S77 & (S78 same S79) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 17:42 |
| S82 | 58 | S81 not S72 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/12 17:44 |
| S83 | 176599 | (project\$3 near4 (image display lcd)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 17:45 |

EAST Search History

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|-----|--------|---|---|----|-----|------------------|
| S84 | 32642 | (scrolling) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 17:09 |
| S85 | 375 | S83 same S84 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 17:09 |
| S86 | 161241 | ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3) near4 (bright\$1ness luminance luminos\$5 intensit\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 17:57 |
| S87 | 83 | S85 & S86 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 17:12 |
| S88 | 166966 | ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3) near4 (bright\$1ness luminance luminos\$5 intensit\$3 luminous\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 17:58 |
| S89 | 229503 | (project\$3 near4 (image display lcd system)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 17:46 |
| S90 | 103 | (S84 same S89) & S88 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 17:47 |
| S91 | 20 | S90 not S87 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 17:47 |
| S92 | 263374 | ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 intensit\$3 luminous\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 18:20 |
| S93 | 114 | (S84 same S89) & S92 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 18:21 |
| S94 | 31 | S93 not S87 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 18:18 |

EAST Search History

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|----------|--------|---|---|----|-----|------------------|
| S95 | 41157 | ((polygon\$2 hexagon\$2) near4 mirror) (rotat\$4 near4 prism\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 18:58 |
| S96 | 641266 | ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 intensit\$3 luminous\$5 light)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 18:29 |
| S97 | 3080 | (S89 & S95 & S96) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 18:30 |
| S98 | 279 | (S84 same S89) & S96 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 18:21 |
| S99 | 165 | S98 not (S87 S90 S93) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 18:22 |
| S10 0 | 292094 | ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 intensit\$3 luminous\$5 (light near4 out\$1put\$4))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 14:55 |
| S10 1 | 1530 | (S89 & S95 & S100) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 18:30 |
| S10 2 | 4845 | (353/85.ccls. 348/744.ccls. 345/204.ccls. 359/292,453.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 18:38 |
| S10 3 | 49 | S101 & S102 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 18:38 |
| S10 4 | 17 | ("4800375" "5422693" "5715021" "5806950" "6128132" "6224216" "6283597" "6325514" "6334685" "6364487" "6460999" "6481852" "6547400" "6799849").PN. OR ("6860606").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/16 18:57 |
| S10 5 | 440 | 353/85.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/16 18:57 |

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|----------|-------|--|---|----|-----|------------------|
| S10 6 | 141 | S100 & S105 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 18:58 |
| S10 7 | 41822 | ((polygon\$2 hexagon\$2 multi\$1faceted multi\$1faceted) near4 mirror) (rotat\$4 near4 prism\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 18:58 |
| S10 8 | 13 | (S84 S107) & S100 & S105 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 19:04 |
| S10 9 | 18 | (S84 S107) & S96 & S105 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 19:04 |
| S11 0 | 5 | S109 not S108 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 19:05 |
| S11 1 | 174 | (project\$4) & ((display near3 panel) (liquid near3 crystal near3 panel) LCD)) & ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 intensit\$3 luminous\$5)) & ((scrolling (((polygon\$2 hexagon\$2 multi\$1faceted multi\$1faceted) near4 mirror) (rotat\$4 near4 prism\$1))))).clm. | US-PGPUB; USPAT | OR | OFF | 2007/12/16 19:43 |
| S11 2 | 174 | ((project\$4) & ((display near3 panel) (liquid near3 crystal near3 panel) LCD)) & ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 intensit\$3 luminous\$5)) & ((scrolling (((polygon\$2 hexagon\$2 multi\$1faceted multi\$1faceted) near4 mirror) (rotat\$4 near4 prism\$1))))).clm. | US-PGPUB; USPAT | OR | OFF | 2007/12/16 19:44 |

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|----------|-----|---|--------------------|----|-----|------------------|
| S11 3 | 143 | ((image near4 project\$4) (project\$4 near4 (display system))) & ((display near3 panel) (liquid near3 crystal near3 panel) LCD) & ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 intensit\$3 luminous\$5)) & ((scrolling ((polygon\$2 hexagon\$2 multi\$1faceted multi\$1faced) near4 mirror) (rotat\$4 near4 prism\$1))))).clm. | US-PGPUB; USPAT | OR | OFF | 2007/12/16 19:47 |
| S11 4 | 6 | ((image near3 project\$4) (project\$4 near4 (display system))) & ((display near3 panel) (liquid near3 crystal near3 panel) LCD) & ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 intensit\$3 luminous\$5)) & (scrolling ((polygon\$2 hexagon\$2 multi\$1faceted multi\$1faced) near4 mirror) (rotat\$4 near4 prism\$1))))).clm. | US-PGPUB; USPAT | OR | OFF | 2007/12/16 19:54 |
| S11 5 | 9 | ((image near3 project\$4) (project\$4 near4 (display system))) & ((display near3 panel) (liquid near3 crystal near3 panel) LCD) & ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 intensit\$3 luminous\$5)) & (scrolling scanner ((polygon\$2 hexagon\$2 multi\$1faceted multi\$1faced) near4 mirror) (rotat\$4 near4 prism\$1))))).clm. | US-PGPUB; USPAT | OR | OFF | 2007/12/16 19:58 |

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|----------|--------|---|---|----|-----|------------------|
| S11 6 | 10 | ((image near3 project\$4) (project\$4 near4 (display system))) & ((display near3 panel) (liquid near3 crystal near3 panel) LCD) & ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 intensit\$3 luminous\$5 (light near4 out\$1put\$4))) & (scrolling scanner (((polygon\$2 hexagon\$2 multi\$1faceted multi\$1faced) near4 mirror) (rotat\$4 near4 prism\$1))))).clm. | US-PGPUB; USPAT | OR | OFF | 2007/12/16 20:04 |
| S11 7 | 1 | S116 not S115 | US-PGPUB; USPAT | OR | OFF | 2007/12/16 20:02 |
| S11 8 | 1 | "6285415".pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/16 20:02 |
| S11 9 | 3 | ("5680180" "5917558" "6108053").PN. OR ("6285415").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/16 20:02 |
| S12 0 | 19 | ((image near3 project\$4) (project\$4 near4 (display system))) & ((display near3 panel) (liquid near3 crystal near3 panel) LCD) & ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 intensit\$3 luminous\$5 (light near4 out\$1put\$4))) & (scrolling scanner (color near3 wheel) (((polygon\$2 hexagon\$2 multi\$1faceted multi\$1faced) near4 mirror) (rotat\$4 near4 prism\$1))))).clm. | US-PGPUB; USPAT | OR | OFF | 2007/12/16 20:06 |
| S12 1 | 9 | S120 not S116 | US-PGPUB; USPAT | OR | OFF | 2007/12/16 20:04 |
| S12 2 | 32642 | (scrolling) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 20:05 |
| S12 3 | 641266 | ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 intensit\$3 luminous\$5 light)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 20:05 |
| S12 4 | 440 | 353/85.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/16 20:05 |

EAST Search History

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|----------|--------|--|---|----|-----|------------------|
| S12 5 | 41822 | ((polygon\$2 hexagon\$2 multi\$1faceted multi\$1faceted) near4 mirror) (rotat\$4 near4 prism\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 20:05 |
| S12 6 | 18 | (S122 S125) & S123 & S124 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 20:06 |
| S12 7 | 6043 | (color near3 wheel) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/16 20:06 |
| S12 8 | 119012 | ((image display system) near3 project\$4) | US-PGPUB; USPAT | OR | OFF | 2007/12/16 20:07 |
| S12 9 | 2268 | S123 & S128 & S127 | US-PGPUB; USPAT | OR | OFF | 2007/12/16 20:07 |
| S13 0 | 39 | S124 & S129 | US-PGPUB; USPAT | OR | OFF | 2007/12/16 20:07 |
| S13 1 | 29600 | ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 intensit\$3 luminous\$5 (light near4 out\$1put\$4))) near4 ((light near3 source\$1) lamp\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:51 |
| S13 2 | 100070 | ((based depend\$3) near4 (image near4 (data signal))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:53 |
| S13 3 | 68 | S131 with S132 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 14:58 |
| S13 4 | 339760 | "345"/\$!.ccls. "359"/\$!.ccls. "348"/\$!.ccls. "353"/\$!.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:00 |
| S13 5 | 30 | S133 & S134 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:45 |
| S13 6 | 0 | 2005/0174320 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:46 |
| S13 7 | 0 | 2005/0174320.pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:46 |

EAST Search History

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|----------|--------|---|---|----|-----|------------------|
| S13 8 | 2 | "20050174320".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:47 |
| S13 9 | 2 | "6778160".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:47 |
| S14 0 | 40226 | ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 intensit\$3 luminous\$5 (light near4 out\$1put\$4))) with ((light near3 source\$1) lamp\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 11:13 |
| S14 1 | 103 | S132 with S140 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:53 |
| S14 2 | 44 | S134 & S141 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:54 |
| S14 3 | 114192 | ((based depend\$3 correspond\$3) near4 (image near4 (data signal))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:53 |
| S14 4 | 104 | S140 with S143 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:53 |
| S14 5 | 45 | S134 & S144 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:54 |
| S14 6 | 15 | S145 not S135 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:54 |
| S14 7 | 2 | "6282464".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 16:38 |
| S14 8 | 1 | (project\$3) same (scrolling near4 band near4 light\$1) same (lamp (light near3 source\$1)) same (scanner prism) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 16:40 |

EAST Search History

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|----------|-------|--|---|----|-----|------------------|
| S14 9 | 10 | (project\$3) & (scrolling near4 band near4 light\$1) & (lamp (light near3 source\$1)) & (scanner prism) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 16:46 |
| S15 0 | 16297 | (project\$3) & (lcd (liquid near3 crystal near3 (panel display))) & (lamp (light near3 source\$1)) & (scanner prism) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 16:47 |
| S15 1 | 5085 | (project\$3) same (lcd (liquid near3 crystal near3 (panel display))) same (lamp (light near3 source\$1)) & (scanner prism) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 16:47 |
| S15 2 | 2260 | (project\$3) same (lcd (liquid near3 crystal near3 (panel display))) same (lamp (light near3 source\$1)) same(scanner prism) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 16:47 |
| S15 3 | 91 | (project\$3) same (lcd (liquid near3 crystal near3 (panel display))) same (lamp (light near3 source\$1)) same scanner | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 16:55 |
| S15 4 | 34 | S134 & S153 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 16:49 |
| S15 5 | 88 | (project\$3) same (lcd (liquid near3 crystal near3 (panel display))) same (lamp (light near3 source\$1)) same (((polygon\$2 hexagon\$2 multi\$1faceted multi\$1faced) near4 mirror) (rotat\$4 near4 prism\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 17:16 |
| S15 6 | 88 | S155 not S154 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 16:55 |
| S15 7 | 92 | (project\$3) same (lcd (liquid near3 crystal near3 (panel display))) same (lamp (light near3 source\$1 illuminator)) same (((polygon\$2 hexagon\$2 multi\$1faceted multi\$1faced) near4 mirror) (rotat\$4 near4 prism\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 17:17 |
| S15 8 | 39 | ("5283600" "5410370" "5532763" "5548347" "5751388" "5812223" "5845981" "5868481" "5986730" "5995284" "6108131" "6122103" "6191893" "6208463" "6273567").PN. OR ("6739723").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 17:18 |

EAST Search History

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|----------|--------|--|---|----|-----|------------------|
| S15 9 | 41074 | ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 illuminance illuminos\$4 intensit\$3 luminous\$5 (light near4 out\$1put\$4))) with ((light near3 source\$1) lamp\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 13:27 |
| S16 0 | 100108 | ((based depend\$3) near4 (image near4 (data signal))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 11:16 |
| S16 1 | 339866 | "345"/\$!.ccls. "359"/\$!.ccls. "348"/\$!.ccls. "353"/\$!.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 11:17 |
| S16 2 | 119095 | ((image display system) near3 project\$4) | US-PGPUB; USPAT | OR | OFF | 2007/12/18 11:17 |
| S16 3 | 229592 | (project\$3 near4 (image display lcd system)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 11:19 |
| S16 4 | 169 | S159 same S160 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 11:19 |
| S16 5 | 231922 | (S162 S163) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 11:20 |
| S16 6 | 39 | S161 & S164 & S165 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:11 |
| S16 7 | 107 | (project\$3 same (lcd (liquid near3 crystal near3 (display panel))) valve\$1 aperature\$1) same (scrolling near4 light\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:36 |
| S16 8 | 92 | S161 & S167 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:37 |
| S16 9 | 254 | (project\$3 same (lcd (liquid near3 crystal near3 (display panel))) valve\$1 aperature\$1) same (scrolling)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:35 |

EAST Search History

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|----------|-------|--|---|----|-----|------------------|
| S17 0 | 170 | S161 & S169 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:35 |
| S17 1 | 78 | S170 not S168 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:35 |
| S17 3 | 162 | (project\$3 same (lcd (liquid near3 crystal near3 (display panel))) same (scrolling)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:45 |
| S17 4 | 96 | S161 & S173 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:45 |
| S17 5 | 68 | S174 not S168 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:37 |
| S17 6 | 41833 | ((((polygon\$2 hexagon\$2 multi\$1faceted multi\$1faceted) near4 mirror) (rotat\$4 near4 prism\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:44 |
| S17 7 | 179 | (project\$3 same (lcd (liquid near3 crystal near3 (display panel))) same (((polygon\$2 hexagon\$2 multi\$1faceted multi\$1faceted) near4 mirror) (rotat\$4 near4 prism\$1)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:52 |
| S17 8 | 106 | S161 & S177 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:53 |
| S17 9 | 84 | S178 not (S166 S174) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:54 |
| S18 0 | 222 | (project\$3 same (valve\$1 aperature\$1) same (scrolling (((polygon\$2 hexagon\$2 multi\$1faceted multi\$1faceted) near4 mirror) (rotat\$4 near4 prism\$1)))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:53 |
| S18 1 | 181 | S161 & S180 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:54 |

EAST Search History

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|----------|-----|--|---|----|-----|------------------|
| S18 2 | 136 | S181 not (S166 S174 S178) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 12:54 |
| S18 3 | 14 | ((((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 illuminance illuminos\$4 intensit\$3 luminous\$5 (light near4 out\$1put\$4))) with ((light near3 source\$1) lamp\$1) with (per near3 (row\$1 pixel\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 13:33 |
| S18 4 | 0 | ((((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 illuminance illuminos\$4 intensit\$3 luminous\$5 (light near4 out\$1put\$4))) with ((light near3 source\$1) lamp\$1) with (each near3 (row\$1 pixel\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 13:33 |
| S18 5 | 12 | ((((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 illuminance illuminos\$4 intensit\$3 luminous\$5 (light near4 out\$1put\$4))) with ((light near3 source\$1) lamp\$1) with (every near3 (row\$1 pixel\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 13:39 |
| S18 6 | 12 | S185 not S172 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 13:35 |
| S18 7 | 78 | ((((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 illuminance illuminos\$4 intensit\$3 luminous\$5 (light near4 out\$1put\$4))) same ((light near3 source\$1) lamp\$1) with ((every each individual\$2 per) near3 (row\$1 pixel\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 13:41 |

EAST Search History

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|----------|--------|--|---|----|-----|------------------|
| S18 8 | 345 | ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 illuminance illuminos\$4 intensit\$3 luminous\$5 (light near4 out\$1put\$4))) same ((light near3 source\$1) lamp\$1 (light near4 emitting near4 diode\$1)) same ((every each individual\$2 per) near3 (row\$1 pixel\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 14:04 |
| S18 9 | 128 | S161 & S188 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 13:44 |
| S19 0 | 119 | S189 not (S183 S185) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 14:08 |
| S19 1 | 1063 | ((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4) near4 (bright\$1ness luminance luminos\$5 illuminance illuminos\$4 intensit\$3 luminous\$5 (light near4 out\$1put\$4))) with ((every each individual\$2 per) near3 (row\$1 pixel\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 16:27 |
| S19 2 | 229645 | (S163 S167 S169 S173 S177 S180) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 14:07 |
| S19 3 | 246 | S191 & S192 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 14:07 |
| S19 4 | 175 | S161 & S193 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 14:07 |
| S19 5 | 146 | S194 not (S183 S185 S189) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 14:14 |
| S19 6 | 102237 | ((lamp (light near3 source\$1) illuminator) near4 (driver controller power)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 14:17 |

EAST Search History

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|----------|---------|---|---|----|-----|------------------|
| S19 7 | 109 | S191 & S196 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 14:21 |
| S19 8 | 60 | S161 & S197 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 15:36 |
| S19 9 | 1324 | ((((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4 chang\$3) near4 (bright\$1ness luminance luminos\$5 illuminance illuminos\$4 intensit\$3 luminous\$5 (light near4 out\$1put\$4))) with ((every each individual\$2 per) near3 (row\$1 pixel\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 15:35 |
| S20 0 | 301 | S192 & S199 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 15:37 |
| S20 1 | 213 | S161 & S200 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 15:36 |
| S20 2 | 23 | S192 same S199 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 15:37 |
| S20 3 | 1324 | ((((increas\$3 enhanc\$3 alter\$3 modify\$3 adjust\$3 vary\$3 regulat\$3 control\$4 chang\$3) near4 (bright\$1ness luminance luminos\$5 illuminance illuminos\$4 intensit\$3 luminous\$5 (light near4 out\$1put\$4))) with ((every each individual\$2 per all) near3 (row\$1 pixel\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 17:02 |
| S20 4 | 1093361 | ((light near3 source\$1) lamp illuminator back\$1light\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 16:29 |
| S20 5 | 191 | S203 same S204 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 16:29 |

EAST Search History

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|----------|--------|--|---|----|-----|------------------|
| S20 6 | 339866 | "345"/\$.ccls. "359"/\$.ccls. "348"/\$.ccls. "353"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 16:32 |
| S20 7 | 76 | S205 & S206 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 16:32 |
| S20 8 | 2 | "5479187".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 17:44 |
| S20 9 | 1333 | 345/83,84,108.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/12/18 19:14 |